

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

3691-356

SERIAL NO.

10/003,436

APPLICANT

VEERASAMY et al.

FILING DATE

December 6, 2001

GROUP

1762

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER

DOCUMENT NUMBER

DATE

NAME

CLASS

SUBCLASS

FILING DATE
IF APPROPRIATE

6,368,664

4/2002

Veerasamy et. al.

FOREIGN PATENT DOCUMENTS

DOCUMENT

DATE

COUNTRY

CLASS

SUBCLASS

TRANSLATION

YES

NO

WO 01/36342

5/2001

WIPO

X

RECEIVED

JUL 16 2002

TC 1700

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Summary Abstract: "The Use of Intermediate Layers to Improve the Adherence of Diamondlike Carbon Films on ZnS and ZnSe", MIRTICH et al., April 1986, Vol. 4, No. 6., XP-002202871 *no page numbers*CA Conference Article "Tribological Properties of Hard Disk Slider Overcoated After Ion Beam Texturing", ZHOU et al., July 1997, Vol. 1, XP-002202872 *no page numbers*

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

3691-356

SERIAL NO.

16/03/36

APPLICANT

VEERASAMY et al.

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FILING DATE

December 6, 2001

GROUP

nbc

1c872 U.S. PTO
10/003436

12/06/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,415,297	5/1995	Hirayama et al.			
	5,425,983	6/1995	Propst et al.			
	5,474,816	12/1995	Falabella			
	5,510,186	4/1996	Suizbach			
	5,939,140	8/1999	Jang et al.			
	5,965,216	10/1999	Neuberger et al.			
	5,122,249	6/1992	Niemann et al.			
	5,378,527	1/1995	Nakanishi et al.			
	5,643,423	7/1997	Kimock et al.			
	5,844,225	12/1998	Kimock et al.			
	5,997,943	12/1999	Azzopardi et al.			
	5,879,775	3/1999	Walter et al.			
	5,518,780	5/1996	Tamor et al.			
	6,002,208	12/1999	Maishev et al.			
	6,001,431	12/1999	Itoh et al.			
	6,046,758	4/2000	Brown et al.			
	5,508,368	4/1996	Knapp et al.			
	5,888,593	3/1999	Petrmichl et al.			
	5,135,808	8/1992	Kimock et al.			
	5,190,807	3/1993	Kimock et al.			
	5,268,217	12/1993	Kimock et al.			
	5,506,038	4/1996	Knapp et al.			
	5,508,092	4/1996	Kimock et al.			
	5,527,596	6/1996	Kimock et al.			
	5,989,693	11/1999	Yamasaki et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Dissertation entitled "Tetrahedral Amorphous Carbon Deposition, Characterisation and Electronic Properties, VEERASAMY, Univ. of Cambridge, July 1994, pgs. 1-295.

*Examiner

Date Considered

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Serial Number (Optional)

3691-356

Publication Number

100340038

Inventor

VEERASAMY et al.

Filing Date

12-6-01

Class Art Unit

1762

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	3959577	5/1976	FRINK			
	4400410	8/1983	GREEN, ET. AL.			
	4777090	10/1983	OVSHINSKY, ET. AL.			
	48177677	10/1989	MIRACHI, ET. AL.			
	5185887	7/1993	LINKE, ET. AL.			
	49160645	10/1990	LINKE, ET. AL.			
	5214008	5/1993	BECKWITH, ET. AL.			
	5229194	7/1993	LINKE, ET. AL.			
	5240886	3/1993	GILOTTA, ET. AL.			
	5242560	9/1993	LINKE, ET. AL.			
	5268217	12/1993	KIMOCK, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)

"THE FRACTURING OF GLASS" BY MICHAELS, ET. AL.

NOT PROVIDED

EXAMINER

DATE CONSIDERED

2/18/07

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Serial Number

3691-356

Application Number

1143436

Inventor

VEERASAMY et al.

Filing Date

12-6-01

Class Art Unit

1762

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PLING DATE IF APPROPRIATE
V	5 293 048	3/1994	LINALE, ST. AL.			
	5 344 718	7/1994	HARTIG, ST. AL.			
	5 376 455	17/1994	HARTIG, ST. AL.			
	5 385 872	1/1995	GULOTTA, ST. AL.			
	5 435 900	7/1995	GORKHOVSKY			
	5 506 038	4/1996	KNAPP, ST. AL.			
	5 514 476	5/1996	HARTIG, ST. AL.			
	5 425 861	6/1995	HARTIG, ST. AL.			
	5 547 714	8/1996	HUCK, ST. AL.			
	5 557 462	9/1996	HARTIG, ST. AL.			
V	5 612 262	3/1997	KLOSS, ST. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Payment Pages, Etc.)

EXAMINER

DATE CONSIDERED

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U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PILING DATE IF APPROPRIATE
	5 629 532	5/1/97	MYRICK			
	5 635 245	6/1/97	KIMOCK, ET AL.			
	5 637 353	6/1/97	KIMOCK, ET AL.			
	5 688 585	11/1/97	LINGLE, ET AL.			
	5 736 476	4/1/98	WATZKE, ET AL.			
	4 714 653	5/1/98	MACKOWSKI			
	5 717 032	1/1/98	HARTIG, ET AL.			
	5 716 600	7/1/98	KATAYAMA, ET AL.			
	5 717 661	2/1/98	FISHER			
	5 717 684	5/1/98	BOLLOS, ET AL.			
	5 717 684	6/1/98	SAKAGUCHI, ET AL.			

FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSMISSION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Permanent Pages, Etc.)

EXAMINER 	DATE CONSIDERED <div style="font-size: 2em; font-family: cursive;">2/8/04</div>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTC-1443

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Serial Number (Optional)

3691-356

10/00343

Inventor

VEERASAMY et al

Filing Date

12-6-01

Class and Unit

1762

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRILING DATE IF APPROPRIATE
VJ	5 718 330 9	7/1998	FAURE, ET. AL.			
	5 719 813 9	8/1998	NAGASHIMA, ET. AL.			
	5 810 093 3	9/1998	HARTIG, ET. AL.			
	5 824 374	10/1998	BRADLEY, JR., ET. AL.			
	5 830 332	11/1998	BABICH, ET. AL.			
	5 830 812	11/1998	SHELESTAK, ET. AL.			
	5 837 108	11/1998	LINGLE, ET. AL.			
	5 846 613	12/1998	NEUVILLE			
	5 846 649	12/1998	KNAPP, ET. AL.			
	5 849 413	12/1998	ZHU, ET. AL.			
	5 851 940	12/1998	BOULOS, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)

EXAMINER

DATE CONSIDERED

2/1/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTC-1449		3691-356		16 003480		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		VEERASAMY et al.		1767		
		12-6-01				
U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRIME DATE IF APPROPRIATE
[Signature]	5855641	1/1999	TANIGUCHI	[Signature]	[Signature]	[Signature]
	5858477	1/1999	VEERASAMY, ET. AL.			
	5858894	1/1999	NAGASHIMA, ET. AL.			
	5858896	1/1999	NAGASHIMA, ET. AL.			
	5873921	2/1999	HIRSTA, ET. AL.			
	5877103	3/1999	DUPONT, ET. AL.			
	5880552	3/1999	McGILL, ET. AL.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSMISSION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)						
EXAMINER	[Signature]		DATE CONSIDERED			[Signature]
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						
U.S. DEPARTMENT OF COMMERCE						

Sheet 9 of 12

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

3691-356

10003476

VEERASAMY et al.

File Date 12-6-01

Class Art Unit 176

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	32272	10/1982	FUNAKI, ET. AL.			
	4263350	4/1981	VALIMONT			
	4495263	1/1985	VAUDERVALK			
	4666802	9/1987	HUNG, ET. AL.			
	4816291	3/1989	DESPHANSBY, ET. AL.			
	4965156	10/1990	HOTORI, ET. AL.			
	5098737	3/1992	COLLINS, ET. AL.			
	5000831	3/1991	OSAWA, ET. AL.			
	5143963	9/1992	STERLING, ET. AL.			
	5352493	10/1994	DORFMAN, ET. AL.			
N	5401316	3/1995	SHIRAIISHI, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Permanent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	2/1/90

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Sheet 11 of 12

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use separate sheets if necessary)

Serial Number (Optional)

3691-356

Inventor

VEERASAMY et al.

Filing Date

12-6-01

Class and Subclass

M65

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Y	5776603	7/1/98	ZAGOUN, ET. AL.			
	57195648	8/1/98	GOEL, ET. AL.			
	5800918	9/1/98	CHARTIER, ET. AL.			
	5846613	12/1/98	NEUVILLE			
	5846649	12/1/98	KUAPP, ET. AL.			
	5858477	1/1/99	VEERASAMY, ET. AL.			
	5876753	2/1/99	TIMMONS, ET. AL.			
	5883593	3/1/99	PERMICHIL, ET. AL.			
	5900342	5/1/99	VISSEK, ET. AL.			
	5953601	7/1/99	SALSMAN			
	5958996	7/1/99	EGITTO, ET. AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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